

Substitute for form 1449A-B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Complete if Known Application Number <b>09/874,350</b> Filing Date <b>June 4, 2001</b> First Named Inventor <b>Beverly S. Packard</b> Group Art Unit <b>Unassigned</b> Examiner Name <b>Unassigned</b> Attorney Docket Number <b>300-903840US</b>			
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials	Cite No.	U.S. Patent Document Number      Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
<i>CMK</i>	AA	4,577,862 - 4,557,862	Mangel et al	03-25-1986	
	AB	4,648,892 3	Roux	03-10-1987	
	AC	4,708,929	Henderson	11-24-1987	
	AD	4,780,421	Kameda et al.	10-25-1988	
	AE	4,897,444	Byrnes et al.	01-30-1990	
	AF	5,212,298	Rademacher et al.	05-18-1993	
	AG	5,605,809	Komoriya et al.	02-25-1995	
	AH	5,714,392	<i>Dawson</i> Komoriya et al.	02-03-1998	
	AI	5,723,288	Dykstra et al.	03-03-1998	
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	AK	6,037,137	Komoriya et al.	03-14-2000	
	AL	6,150,097	Tyagi et al.	11/21/2000	
	AM	6,103,476	Tyagi et al.	08/15/2000	
	AN	6,037,103 130	Tyagi et al.	03/14/2000	
	AO	5,925,517	Tyagi et al.	07/20/1999	
	AP	5,807,674	Tyagi et al.	09/15/1998	
	AQ	5,759,773	Tyagi et al.	06/02/1998	
	AR	5,652,107	Lizardi et al.	07/29/1997	
	AS	5,118,801	Lizardi et al.	06/02/1992	
	AT	5,312,728	Lizardi et al.	05/17/1994	
	AU	6,150,097 03	Tyagi et al.	11/21/2000	
	AV	6,130,476	Tyagi et al.	08/15/2000	
	AW	6,037,130	Tyagi et al.	03/14/2000	
	AX	5,925,517 2	Tyagi et al.	07/20/1999	
	AY	5,871,846	Lucas et al.	02/16/1999	
	AZ	5,807,674	Tyagi	09/15/1998	
<i>CMK</i>	BA	5,776,720	Jaffe et al.	07/07/1998	
Examiner Signature <i>CHL/r</i>			Date Considered <i>8/1/05</i>		

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Complete if Known

Application Number 09/874,350  
Filing Date June 4, 2001  
First Named Inventor Beverly S. Packard  
Group Art Unit Unassigned  
Examiner Name Unassigned  
Attorney Docket Number 300-903840US

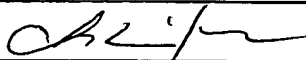
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	BC	5,773,749		Jaffe et al.	03/31/1998	
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	BE	5,652,107		Lizardi et al.	07/29/1997	
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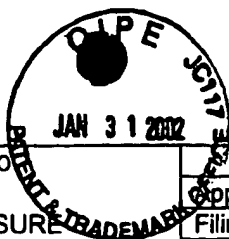
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		Office	Number	Kind Code (if known)				
CMK	BJ	WO	96/13607		Oncoimmunin, Inc.	05-09-1996		
	BK	WO	00/06778		The Public Health Research Institute of the City of New York, Inc.	02/10/2000		
	BL	WO	98/10096		The Public Health Research Institute of the City of New York, Inc.	03/12/1998		
	BM	WO	00/71740 A1		The Public Health Research Institute of the City of New York, Inc.	11/30/2000		
	BN	WO	00/71562 A1		The Public Health Research Institute of the City of New York, Inc.	11/30/2000		
CMK	BO	WO	01/31062 A1		The Public Health Research Institute of the City of New York, Inc.	05/03/2001		

Examiner Signature		Date Considered	8/1/05
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				Filing Date	June 4, 2001		
				First Named Inventor	Beverly S. Packard		
				Group Art Unit	Unassigned		
				Examiner Name	Unassigned		
				Attorney Docket Number	300-903840US		
CHK	BP	WO	97/39008	The Public Health Research Institute of the City of New York, Inc.			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T
CHK	BQ	KNIGHT ET AL. "A novel coumarin-labelled peptide for sensitive continuous assays of the matrix metalloproteinases." <i>FEBBS LETTERS</i> 296(3):263-266 (1992)					
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	BT	KELLER ET AL. "Mode of Insertion of the Signal Sequence of a Bacterial Precursor Protein into Phospholipid Bilayers As Revealed by Cysteine-Based Site Directed Spectroscopy." <i>Biochemistry</i> 35:3063-3071 (1996)					
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	BW	MATSUZAKI ET AL. "Translocation of a Channel-Forming Antimicrobial Peptide, Maganin 2, across Lipid Bilayers by Forming a Pore." <i>Biochemistry</i> 34:6521-6526 (1995)					
	BX	NAGASE ET AL. "Design and Characterization of a Fluorogenic Substrate Selectively Hydrolyzed by Stromelysin 1 (Matrix Metalloproteinase-3)" <i>J. of Biol. Chem</i> 269:20952 (1994)					
	BY	PACKARD ET AL. Intramolecular Excitonic Dimers in Protease Substrates: Modification of the Backbone Moiety to Probe the H-Dimer Structure." <i>American Chem Society</i> 1-8 (1998)					
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	CD	YANG ET AL. "Conformational Flexibility of Three-Way DNA Junctions Containing Impaired Nucleotides." <i>Biochemistry</i> 35:7959-7967 (1996)					
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CHK	CF	KANUKA ET AL. "Proapoptotic activity of Caenorhabditis elegans CED-4 protein in Drosophila: Implicated mechanisms for caspase activation" Proc. Natl. Acad. Sci. USA Vol. 96, pp. 145-150, January 1999					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Application Number	09/874,350
		Filing Date	June 4, 2001
		First Named Inventor	Beverly S. Packard
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	300-903840US
CHK	CG	HARVEY ET AL. "Caspase-dependent Cdk Activity Is a Requisite Effector of Apoptotic Death Events" Jol. Of Cell Biol. Vol. 148, No. 1, January 10, 2000 , p 59-72	
	CH	EKERT ET AL. "Inhibition of Apoptosis and Clonogenic Survival of Cells Expressing crmA Variants: Optimal Caspase Substrates are Not Necessarily Optimal Inhibitors" EMBO Jol. Vol. 18, No. 2, 330-338, (1999)	
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	CJ	PEREZ ET AL. "Fragmentation and Death (aka apoptosis) of Ovulated Oocytes" Molecular Human Reproduction Vol 5, No. 5, 414-420, (1999)	
	CK	ZAPATA ET AL. "Granzyme Release and Caspase Activation in Activated Human T-Lymphocytes" Jol. Of Biol. Chem. Vol. 273, No. 12, pp. 6916-6920 (1998)	
	CL	SIEGEL ET AL. "Death-Effector Filaments: Novel Cytoplasmic Structures that Recruit Caspases and Trigger Apoptosis" Jol. Of Cell Biol. Vol. 141, No. 5, June 1, 1998	
	CM	HIRATA ET AL. "Caspases Are Activated in a Branched Protease Cascade and Control Distinct Downstream Processes in Fas-Induced Apoptosis" J. of Exp. Med. Vol. 187, No. 4, February 16, 1998 , p 587-600	
CHK	CN	KOMORIYA ET AL. "Assessment of Caspase Activities in Intact Apoptotic Thymocytes Using Cell-Permeable Fluorogenic Caspase Substrates" J. of Exp. Med. Vol. 191, No. 11, 1819-1828, June 5, 2000	
	CO	KOMORIYA "Single-Cell Image-Based Cellular Protease" Cambridge Health Institute's Eighth Annual HTT Expo, June 2001	
CHK	CP	PACKARD ET AL. "Intramolecular Excitonic Dimers in Protease Substrates: Modification of the Backbone Moiety to Probe the H-Dimer Structure" J. Phys. Chem. B pp. 1820-1827 1998	
	CQ	PACARD ET AL. "Intramolecular Resonance Dipole-Dipole Interactions in a Profluorescent Protease" J. Phys. Chem. B, pp. 752-758, 1998	
	CR	PACKARD ET AL. "Characterization of Fluorescence Quenching in Bifluorophoric Protease Substrates", Biochemical Chemistry 67 (1997) 167-176	
	CS	PACKARD ET AL. "Structural Characteristics of Fluorophores that Form Intramolecular H-Type Dimers in a Protease Substrate", J. Phys. Chem. B (1997) 101, 5070-5074	
	CT	PACKARD ET AL. "Design of Profluorescent Protease Substrates Guided by Exciton Theory", Methods in Enzymology, Vol. 278, 15-28, (1997)	
CHK	CU	PACKARD ET AL. "Profluorescent Protease Substrates: Intramolecular Dimers Described by the Exciton Model", Proc. Natl. Acad. Sci. Vol. 93, pp. 11640-11645, October 1996	
	CV	PACKARD ET AL. "Profluorescent Substrates for Protease Activity Detection Ground-State Xanthene or Resonance Energy Transfer", Abstracts 40 <sup>th</sup> Annual Meeting, Baltimore, MD February 1996	

Examiner Signature	<i>CHK</i>	Date Considered	8/1/05
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Application Number	09/874,350
Filing Date	June 4, 2001
First Named Inventor	Beverly S. Packard
Group Art Unit	1623
Examiner Name	Unassigned
Attorney Docket Number	300-903840US
Date Submitted	March 12, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
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	2	5,714,342		Komoriya et al.	02-03-1998	
CHK	3	5,871,946		Lucas et al.	02-16-2002	

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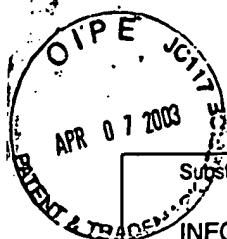
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		Office	Number	Kind Code (if known)				
CHK	4	WO	01/18238	A1	Oncoimmunin, Inc	03-15-2001		
CHK	5	WO	98/37226	A1	Oncoimmunin, Inc	08-27-1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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	Application Number.	09/874,350
	Filing Date	Jun 4, 2001
	First Named Inventor	Bev rly S. Packard
	Group Art Unit	1623
	Examiner Name	Unassigned
	Attorney Docket Number	300-903840US
Date Submitted	April 2, 2003	

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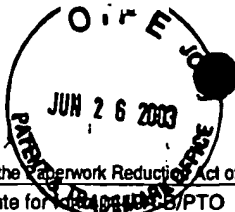
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OK	1	5,539,082	A1	Nielsen et al.	07-23-1996	
	2	5,912,137	A1	Tsien et al.	06-15-1999	
	3	5,925,558	A1	Tsien et al.	07-20-1999	
	4	5,998,204	A1	Tsien et al.	12-07-1999	
OK	5	6,410,255	B1	Pollok et al.	06-25-2002	

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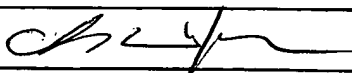
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CMK	01	EP	0 242 095	A	Sclavo, Inc.	10-21-1987		

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